

Work Order ID 136504

September 02, 2015 3:04:15 PM

136504

Page 1

Item ID: D3949-041

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Remove Before Flight Flag Assembly

Stop

NS2

Start Date: 8/31/2015 Start Qty: 4.00

4

Cust Item ID:

Required Date: 9/1/2015 Req'd Qty: 4.00

4

Customer:

Reference:

Approvals: Process Plan: *SB*

Date: 015090 Tooling:

Date:

Run Start

NR1

QC:

Date: SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D3949	B

100

0.00

100

Purchasing

Memo

0.00

Purchasing

Issue P/O: *29712*
Manufacture as per Dwg D3949-041
Supplier: Tulmar
Certificate of conformity is required

CX *SEP 08 2015* *C*

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Memo

0.00

Packaging

CX *SEP 15 09-22*

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QS1042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐			FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐		
OTHER : ☐					

Work Order ID 136504***136504***

Page 2

Item ID: D3949-041 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Remove Before Flight Flag Assembly
Start Date: 8/31/2015 Start Qty: 4.00 ***4*** Cust Item ID:
Required Date: 9/1/2015 Req'd Qty: 4.00 ***4*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 *120* QC Quality Control	QC6- Inspect dimensions to drawing Memo	0.00 0.00				<u>6</u>			DAS 38 9-89 SEP 22 2015
130 *130* Packaging Packaging	Identify as per dwg & Stock Location: <u>st 518</u> Memo	0.00 0.00				<u>6</u>			DAS 27 9-89 SEP 22 2015
140 *140* QC Quality Control	QC21- Final Inspection - Work Order Release Memo	0.00 0.00				<u>ML5</u>			SEP 22 2015

ML5 SEP 22 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Picklist Print

September 02, 2015 3:04:23 PM

Page 1

Work Order ID: 136504

136504

Parent Item: D3949-041

D3949-041

Parent Item Name: Remove Before Flight Flag Assembly

Start Date: 8/31/2015

Required Date: 9/1/2015

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP Rev:A @ chg 005 DD 15.08.25 DD verf:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3949-041P		Purchased	No			110	Each	0.0000	1				

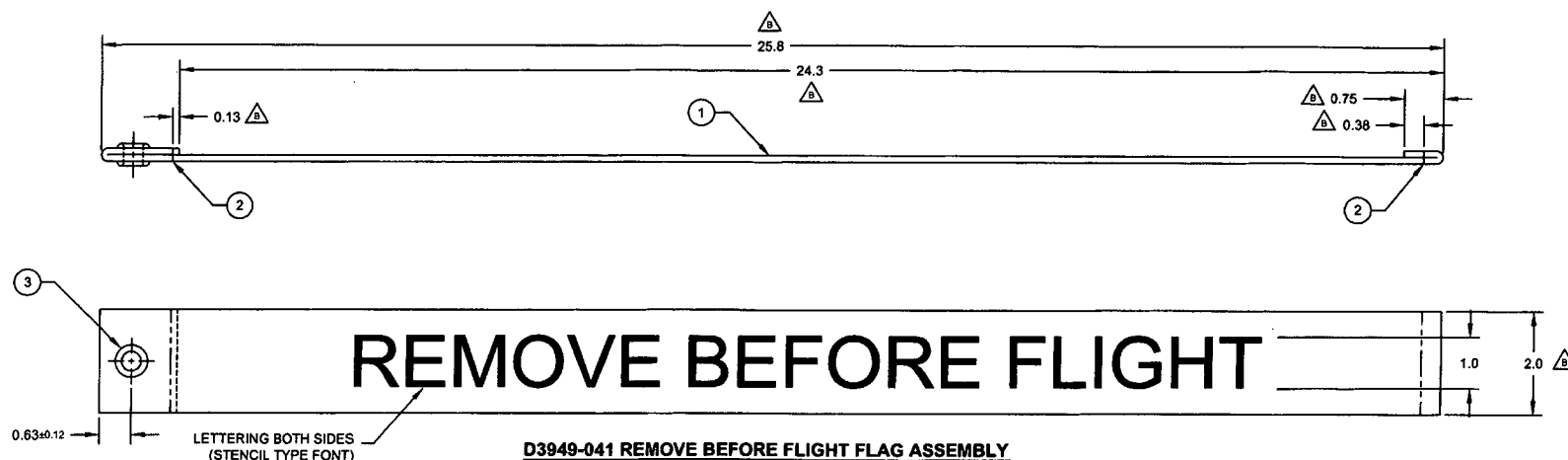
D3949-041P

Remove before Flight Flag Assembly

46X
6X 8015-09-22

ITEM No.	QTY -041	PART NUMBER	DESCRIPTION
	X	D3949-041	REMOVE BEFORE FLIGHT ASSY
1	A/R	CLOTH	PVC COATED NYLON RED (PER SUPPLIER)
2	A/R	THREAD	PVC COATED NYLON RED (PER SUPPLIER)
3	1	GROMMET	BRASS PER SUPPLIER
4	A/R	LETTERING	WHITE PER SUPPLIER

SPECIFICATION CONTROL DRAWING



D3949-041 REMOVE BEFORE FLIGHT FLAG ASSEMBLY

NOTES:

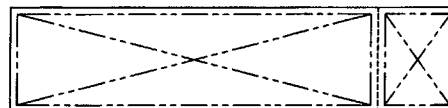
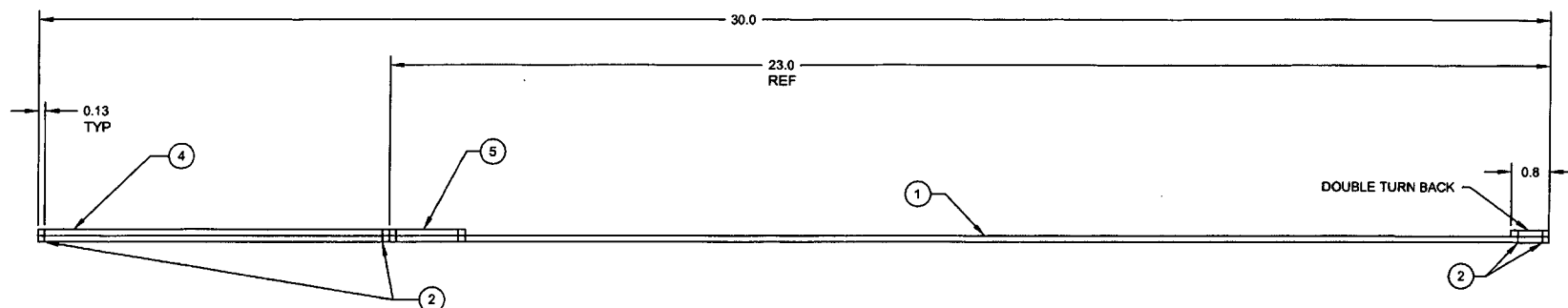
- 1) MATERIAL: SEE TABLE
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.6
- 7) WEIGHT: 0.06 lbs

RELEASED
2015-08-14
ECN 15 556

B	UPDATE D3949-041 TOLERANCES. REVISE D3949-043.	AK	15.06.16
A	NEW ISSUE	AJS	09.05.14
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AK		
CHECKED	MB	DRAWING NO.	REV. B
MFG. APPR.	LL	D3949	SHEET 1 OF 2
APPROVED	HS	TITLE	SCALE
DE APPR.	N/A	FLAG ASSEMBLY (SCD)	NTS
DATE	09.05.14	COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

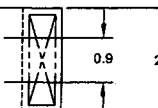
ITEM No.	QTY	PART NUMBER	DESCRIPTION
	X	D3949-043	GROSS WEIGHT TOWING CABLE FLAG ASSY
1	A/R	CLOTH	PVC COATED NYLON RED (PER SUPPLIER)
2	A/R	THREAD	PVC COATED NYLON RED (PER SUPPLIER)
3	A/R	LETTERING	WHITE PER SUPPLIER
4	7"	SBLK2.00L	SKANDIA LOOP, 7", BLACK, PER SUPPLIER
5	1.5"	SBLK2.00H	SKANDIA HOOK, 1.5", BLACK, PER SUPPLIER

SPECIFICATION CONTROL DRAWING



LETTERING BOTH SIDES
(STENCIL TYPE FONT)

REMOVE GROSS WEIGHT TOWING CABLE



D3949-043 GROSS WEIGHT TOWING CABLE

NOTES:

- 1) MATERIAL: SEE TABLE
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.6
- 7) WEIGHT: 0.07 lbs

RELEASED
2015-08-14

DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	AK	HAWKESBURY, ONTARIO, CANADA	
CHECKED	MB	DRAWING NO.	REV. B
MFG. APPR.	LL	D3949	SHEET 2 OF 2
APPROVED	HS	TITLE	SCALE
DE APPR.	N/A	FLAG ASSEMBLY (SCD)	NTS
DATE	09.05.14	COPYRIGHT © 2009 BY DART AEROSPACE LTD	
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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO29712

Purchase Order Date 9/8/2015

PO Print Date 9/8/2015

Page Number 1 of 2

Order From :

VC-TUL001

TULMAR SAFETY SYSTEMS
1123 CAMERON ST
HAWKESBURY, ON K6A 2B8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAKED

Contact Name

Vendor Phone 613 632 1282

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	D3949-041P AS PER DWG D3949 REV. B B136504	Remove before Flight Flag Assembly	9/23/2015 Yes 9/23/2015		6.00 Each	\$14.00	\$84.00
Line Total:							\$84.00
2	D3949-043P AS PER DWG D3949 REV. B B136778	Gross Weight Towing Cable Flag Assembly	9/23/2015 Yes 9/23/2015		8.00 Each	\$14.00	\$112.00
Line Total:							\$112.00

Note:

9/8/2015

PACKING SLIP

TULMAR

Tulmar Safety Systems Inc.
1123 Cameron Street
Hawkesbury, ON K6A 2B8
Tel: 613-632-1282
Fax: 613-632-2030
GST R132478223
MID : XOTULSAF1123HAW
email: info@tulmar.com

Packing Slip No Page

55614 1

Ship Date

9/21/2015

Bill To:

Dart Aerospace

1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Ship To:

Dart Aerospace

1270 Aberdeen Street
Tel: 613-632-9577
Hawkesbury, ON K6A 1K7
Canada

Order number	Sales order date	Account number	Loc	Account manager
33286	9/9/2015	CDART100	H	Francine Bigras
PO number	Ship via	Shipping Terms		
PO29712	Pick-Up	FOB HAWKESBURY		
Item No.	Quantity ordered	UOM	Qty Shipped/Returned	Quantity on back order
Description				
QA Clauses: A004 A005 A007 A016 A026 A040 A041 A043 (5-yr record retention only)				
8972-001 Strap, Colour Red, 25¾" Long x / 2" Wide, "Remove Before Drawing No: D3949 (p/n D3949-041 Rev A) DWG Rev: A Line 1	6.00	EA	6.00	
Lot no.: BATCH0000000010	6.00			
8972-002 Strap, Colour Red, 25¾" L x 2" W / "Gross Weight Towing Drawing No: D3949 (p/n D3949-043 Rev A) DWG Rev: A Line 2	8.00	EA	8.00	
Lot no.: BATCH0000000007	8.00			

Certificate of Conformance

☒ See Certification Enclosed

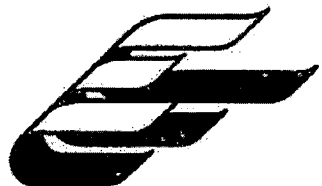
I hereby certify that the items listed hereon have been inspected, and / or tested (as applicable), conform to all specifications and requirements detailed in the contract or purchase order. Objective evidence to support this statement is on file, and can be made available upon request.
If any questions or concerns, please contact QA Manager @ 613-632-1282 ext. 245.

Authorized Inspector

Louise LaLiberté

Date:

Sept. 22/15



J. ENNIS FABRICS

August 18, 2014

Fax To: Tulmar Safety Systems

Fax: 613-632-2030

Attention: Allan

Fax From: Susan Nolan

Certificate of Conformance

Re: PO 27826-00 Sportlight 11 Red

The goods shipped on P/O 27826-00 are as per sampled goods. Specification as follows:
As per mill documentation, Sportlight 11 Red is in compliance with the following standards:

Width:	Product is 58 inches wide.
Roll Size:	Average roll length is 50 yards.
Weight:	Product weight is 21.18 ounces per lineal yard. Product weight is 13.15 ounces per square yard.
Content:	100% Nylon
Coating:	Product has a Polyvinyl Chloride Coating
Denier:	420 Denier
Thread Count:	Construction is 48 x 34 threads per square inch.
Protective Finish:	Product is water repellant.
Hydro Resist:	Product has hydro-resistant properties. AATCC 127-1988: 5000mm
Breaking:	CAN 2-4.2-M77 Method 9.2 C.R.E. Grab: Warp: 408 lbs, Weft: 304 lbs
Tearing:	CAN 2-4.2-M77 Method 12.3 Pendulum: Warp: 25 lbs, Weft: 17.5 lbs
Elongation:	CAN 2-4.2-M77 Method 9.2 C.R.E. Grab: Warp: 56%, Weft: 51%
Cold Crack:	Cold Crack is - 20 degree Celsius
Cautions:	Not dimensionally stable with temperature change. Product fades with prolonged U.V. Exposure. PVC can crack or peel with exposure to extreme cold or solvents. Nylon is not suitable for boat tops, travel covers, tonneau covers or other outdoor applications.

Manufacture Date: 01/21/14

Lot Number: 430435

Sincerely;

J. Ennis Fabrics Ltd.

S Nolan

Susan Nolan

Customer Service Centre Specialist

c/c's used to mfg. D3949-041
D3949-043 > Rev. A.

Lorraine Laliberte' Sept. 17/15.

1738 B #8

AUG 18 2014



TULMAR**Certificate of Conformance**

Tulmar P/N <i>2532</i>	Description <i>THREAD, NYLON, RED 454, V-T-295, TY2, CL. A, SIZE E</i>	Dwg # / Revision	Qty <i>1052</i>
Tulmar PO # <i>22826-00</i>	Line Item # <i>1</i>	Supplier Name / Address <i>CANSEN INC. 111 CHABANEY WEST, #101 MONTREAL, QUE., H2N 1C9</i>	Supplier Packing Slip # <i>G 75153</i>

Supplier Declarations:

Hazardous Materials Acknowledgement	The items described below may contain, and their processing may have included, the following substances:	Hexavalent Chromium; Cadmium; Beryllium; Nickel; Mercury; Lead; Asbestos; Radioactive elements YES ☐ NO ☒
Country of Origin of Goods : <i>USA</i>		if YES, please complete the HazMat Acknowledgement form @ www.tulmar.com
Limited Shelf-Life	Definition: If material is consumed or transformed into final product before end of shelf-life there is no effect on final product.	These items have a limited Shelf-Life YES ☐ NO ☒
Expiry date	Definition: Date after which performance will no longer be as intended - expiration is transferred to the final product.	These items have an expiry date YES ☐ NO ☒

if YES, please complete the Time Expired - Shelf-Life questionnaire @ www.tulmar.com

I hereby certify that the goods listed hereon have been inspected and/or tested, as applicable, and conform to all specifications and requirements detailed in the contract or purchase order and relevant quality clauses. Objective evidence to support this statement is on file and can be made available upon request. Should further information be required, please contact:

Signature <i>Allan Schachter</i>	Name <i>ALLAN SCHACHTER</i>	Date (DD-MM-YY) <i>12 MAR 12</i>
Title <i>VICE-PRESIDENT</i>	Email <i>a.schachter@canam.ca</i>	Phone # <i>(514) 392-2907</i>

Form Revision 16 Feb 2012

TSS # 2532 / 05 (SW)

LORD & HODGE, Inc.

Grommets • Snap Fasteners • Vacu-Vises™

P.O. Box 737, Middletown, CT 06457-0737

TEL (860) 632-7006 FAX (860) 632-2192

Web: www.lordandhodge.com

E-mail: customerservice@lordandhodge.com

WE CERTIFY THAT MATERIAL SUPPLIED ON:

PACKING LIST #: 84640

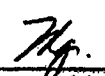
DATED: NOVEMBER 3, 2006

P.O. #: 11975

SOLD TO: TULMAR SAFETY SYSTEMS

QUANTITY: 35 GROSS

IS IN ACCORDANCE WITH SPECIFICATIONS: #1 GROM.& WASH.-BRASS


Signature Title

11975 (S)

TULMAR**Certificate of Conformance**

Tulmar P/N	Description	Dwg #	Revision	Qty
7306-RET	TW MULTI PLASTIC RETARDER			1
Tulmar PO #	Line Item #	Supplier Name / Address	Supplier Packing Slip #	
26616-00	TW-1091-4	DISCOVERY LANCER 145 RIVIERA DR. MARKHAM ON L3R5J6		

Supplier Declarations:

Hazardous Materials Acknowledgement	The items described below may contain, and their processing may have included, the following substances:	Hexavalent Chromium; Cadmium; Beryllium; Nickel; Mercury; Lead; Asbestos; Radioactive elements YES ☐ NO ☒
Country of Origin of Goods : <u>USA</u>		if YES, please complete the HazMat Acknowledgement form @ www.tulmar.com
Limited Shelf-Life	<u>Definition:</u> If material is consumed or transformed into final product before end of shelf-life there is no effect on final product.	These items have a limited Shelf-Life YES ☐ NO ☒
Expiry date	<u>Definition:</u> Date after which performance will no longer be as intended - expiration is transferred to the final product.	These items have an expiry date YES ☐ NO ☒

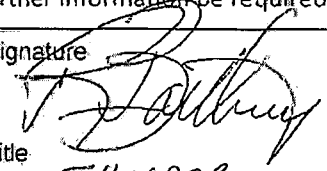
if YES, please complete the Time Expired - Shelf-Life questionnaire @ www.tulmar.com

AS LONG AS LD IS ON TIGHT

Additional Information (MRS#, MRA#, limitations, etc...):

--

I hereby certify that the goods listed hereon have been inspected and/or tested, as applicable, and conform to all specifications and requirements detailed in the contract or purchase order and relevant quality clauses. Objective evidence to support this statement is on file and can be made available upon request. Should further information be required, please contact:

Signature 	Name R. BARTLEY	Date (DD-MMM-YYYY) 5/11/13
Title SHIPPER	Email	Phone # 905) 470-0744

Form Revision 13 Aug 2012

7306-RET / 11 (SN)